| Index of Claims |  |
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|  | Appli | cation | /Contro | l No. |
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09/544,823

Examiner

Douglas B. Blair

Applicant(s)/Patent under Reexamination

MAES ET AL.

Art Unit

2142

| √ | Rejected |
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| 1 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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Restricted

| Ν | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
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| Cla          | aim         |  |          |          |   | Date        | е        |          |          |          |       | Cla      | aim          |          |           |                   | Da     | te                 |               |  | ]      | CI    | aim          |               |   |  | Date            | Э               |          | _             |        |
|--------------|-------------|--|----------|----------|---|-------------|----------|----------|----------|----------|-------|----------|--------------|----------|-----------|-------------------|--------|--------------------|---------------|--|--------|-------|--------------|---------------|---|--|-----------------|-----------------|----------|---------------|--------|
|              | <del></del> | ۱,,  |          |          |   |             |          |          |          |          |       |          | <del>-</del> |          |           |                   |        |                    |               | -  |        | ĺ     | <del>-</del> |               |   |  |                 |                 |          |               |        |
| Final        | Original    | 2/20/06  |          |          |   |             |          |          |          |          |       | Final    | Original     |          |           | İ                 | j      |                    |               |  |        | Final | Original     |               |   |  |                 |                 |          |               |        |
| iĒ           | Ĕ           | 22   |          |          |   | l           |          |          |          |          |       | 這        | Ĕ            |          |           |                   |        |                    |               |  |        | i.    | Į Ž          |               |   |  |                 |                 |          |               |        |
|              | ٥           |  |          |          |   |             |          |          |          |          |       |          |              |          |           |                   |        |                    |               |  |        |       |              |               |   | L  |                 |                 |          | $\bot$        |        |
|              | 1           | 1  |          |          |   |             |          |          |          |          |       |          | 51           | 1        |           |                   |        |                    |               |  |        |       | 101          |               |   |  |                 |                 |          |               |        |
|              | 2           |  |          |          |   |             |          |          |          |          |       |          | 52           |          |           |                   |        |                    |               |  |        |       | 102          |               |   |  |                 |                 |          |               |        |
|              | 3           |  |          |          |   |             |          |          |          |          |       |          | 53           |          |           |                   |        |                    |               |  |        |       | 103          |               | Ι.                                      |  |                 |                 | ŀ        |               |        |
|              | 4           | Γ  |          |          |   |             |          |          |          |          |       |          | 54           |          |           |                   |        |                    |               |  |        |       | 104          |               |   |  |                 |                 |          |               |        |
|              | 5           |  |          |          |   |             |          |          |          |          |       |          | 55           |          |           |                   |        |                    |               |  |        |       | 105          |               |   |  |                 |                 |          | $\Box$        |        |
|              | 6           |  |          |          |   |             |          |          |          |          |       |          | 56           |          |           |                   |        |                    |               |  |        |       | 106          |               |   |  |                 |                 |          |               |        |
|              | 7           |  |          |          |   |             |          |          |          |          |       |          | 57           |          |           |                   |        |                    |               |  |        |       | 107          |               |   | Ι  |                 |                 |          |               |        |
|              | 8           |  |          |          |   |             |          |          |          |          |       |          | 58           |          |           |                   |        | T                  |               |  |        |       | 108          |               |   |  |                 |                 |          | $\Box$        |        |
|              | 9           |  |          |          |   |             |          |          |          |          |       |          | 59           |          |           |                   |        |                    |               |  |        |       | 109          |               |   | П  |                 |                 |          | $\Box$        |        |
|              | 10          |  |          | П        |   | Г           |          |          | П        |          |       |          | 60           |          |           |                   |        |                    |               |  |        |       | 110          |               |   |  |                 |                 |          | П             | _      |
|              | 11          |  |          |          |   |             |          |          |          |          |       |          | 61           |          |           |                   |        |                    |               | T  |        |       | 111          |               |   | Г  |                 |                 | $\Box$   | $\Box$        |        |
|              | 12          | Г  |          | П        |   |             | П        | П        | $\sqcap$ |          |       |          | 62           |          | $\sqcap$  | $\top$            | $\neg$ | 1                  |               | $\top$   | 1      |       | 112          |               | $\top$                                  | Π  |                 |                 | T        | $\neg$        |        |
|              | 13          | <del>                                     </del> |          |          |   | T           | П        | П        | $\Box$   |          |       |          | 63           |          |           |                   | 7      | 1-                 |               | 1  | 1      |       | 113          | $\sqcap$      |   |  |                 |                 |          | $\neg$        | $\neg$ |
|              | 14          |  |          |          |   |             |          |          | $\Box$   |          |       |          | 64           | П        |           |                   | 7      |                    |               |  |        |       | 114          |               |   | Г  |                 |                 | 寸        | $\neg$        |        |
|              | 15          |  |          |          |   |             | П        |          | H        |          |       |          | 65           |          | П         |                   | $\top$ | $\top$             |               |  | 1::::  |       | 115          | $\sqcap$      |   | 1  | П               |                 | $\neg$   | ヿ             | _      |
|              | 16          |  | Г        | П        |   |             | П        | Г        | H        |          |       |          | 66           |          |           | $\neg \uparrow$   | $\top$ | 1                  |               | 1  | 1      |       | 116          | $\Box$        | $\top$                                  |  |                 | П               | 7        | $\neg$        |        |
|              | 17          |  | Н        | $\vdash$ |   |             | П        | П        | $\vdash$ |          |       |          | 67           |          | H         | $\neg$            | $\top$ | +                  |               | $\top$   | 1      |       | 117          | $\sqcap$      | $\top$                                  | T  | П               | $\Box$          | $\dashv$ | $\dashv$      | $\neg$ |
|              | 18          | -  |          |          |   |             | H        |          | H        |          |       | $\vdash$ | 68           |          |           | $\neg \vdash$     | $\top$ | 1                  | $\dashv$      | +  | -      |       | 118          |               | $\dashv$                                | $\vdash$   | H               |                 | 7        | ヿ             | _      |
| -            | 19          | $\vdash$   |          | $\vdash$ | - |             | Н        | Н        | $\vdash$ | _        |       | <u> </u> | 69           | $\vdash$ |           | _                 | +-     | +-                 | -             | +  | -      |       | 119          | $\vdash$      |   | ┼  | $\vdash$        | $\vdash$        | 寸        | $\dashv$      | _      |
| -            | 20          | -  | -        | $\vdash$ | _ | $\vdash$    | -        |          | $\vdash$ | $\dashv$ |       |          | 70           |          | $\vdash$  | -                 |        | +-                 | $\dashv$      |  | 1      |       | 120          | $\vdash$      | +                                       | <del>                                     </del> | H               | $\vdash$        | $\dashv$ | $\dashv$      | _      |
|              | 21          |  |          | Н        |   |             | Н        | Н        | $\vdash$ | $\dashv$ |       |          | 71           | $\vdash$ |           | $\dashv$          | +      | +                  | +             |  | -      |       | 121          | $\dashv$      |   | ╁╌   | -               |                 | $\dashv$ | $\dashv$      | _      |
|              | 22          | -  | $\vdash$ | Н        |   | $\vdash$    | Н        | Н        | -        | -        |       |          | 72           | $\vdash$ |           | -+                | +      | +                  | +             | _  | -      |       | 122          | $\vdash$      | +                                       | ╁  |                 | $\vdash$        | $\dashv$ | ┪             | _      |
|              | 23          | -  | -        | Н        |   | <del></del> | Н        | Н        | $\dashv$ | -        |       |          | 73           | ⊢        |           | $\dashv$          |        | ╁                  | +             | -  | -      |       | 123          | -             |   | ╁  |                 | $\vdash$        | $\dashv$ | +             | _      |
|              |             | $\vdash$   | -        | $\vdash$ |   | _           | Н        | Н        | $\dashv$ | _        |       |          |              | -        |           | +                 | +      | ┼                  |               |  | -      |       | 123          | $\dashv$      | +                                       | -  |                 | $\vdash$        | $\dashv$ | -             | _      |
|              | 24          | _  | H        | Н        |   | -           | Н        | Н        | $\dashv$ | _        |       |          | 74           | ļ        | -         |                   | +-     | +-                 | $\dashv$      | -  | -      |       | 125          | $\dashv$      | +                                       | ╁  | Н               | $\vdash$        | $\dashv$ | +             | _      |
| <u> </u>     | 25          |  | ┝        | -        |   | -           | Н        | $\vdash$ |          | _        |       |          | 75           |          | _         | -                 | -      | +-                 | -             | -  | -      |       | 125          | $\rightarrow$ | +                                       | ⊢  | Н               | $\dashv$        | $\dashv$ | $\dashv$      | _      |
| ļ            | 26          |  | _        |          |   |             | Н        | -        | $\dashv$ | _        |       | <u> </u> | 76           | ļ        |           |                   |        | ┿                  | -             | -  | -      |       | 126          |               | +                                       | ┼  | Н               | $\dashv$        | $\dashv$ | $\dashv$      | _      |
|              | 27          |  | _        |          |   |             | Н        | Н        | $\dashv$ | _        |       |          | 77           | ļ        |           |                   | -      | ┿                  | -             | -  | -      |       | 127          |               | -                                       | ┢  |                 | -               | $\dashv$ | $\dashv$      | _      |
|              | 28          |  |          |          |   |             | Н        | Н        | $\dashv$ | _        |       |          | 78           |          | _         |                   |        | ┼                  | $\vdash$      | -  | -      |       | 128          |               | -                                       | ļ.   | Н               |                 | _        | $\dashv$      |        |
|              | 29          |  |          |          |   |             | Н        | _        |          | _        |       |          | 79           |          |           |                   | +-     | ┼                  | $\dashv$      | _  |        |       | 129          |               | -                                       | ├  | Н               | $\vdash \vdash$ | $\dashv$ | $\dashv$      |        |
|              | 30          | _  |          |          | _ | _           | Ш        | _        | -        |          |       |          | 80           |          | $\dashv$  |                   | 4      | 4—                 |               | _  |        |       | 130          |               | _                                       | ┞  | Щ               | $\sqcup$        | $\dashv$ | $\dashv$      |        |
|              | 31          |  |          |          |   | _           | Ш        |          | $\sqcup$ |          |       |          | 81           |          | $\perp$   | _                 |        | ↓_                 | _             | <b>-</b>   | 1      |       | 131          | $\dashv$      | _                                       | ļ .  |                 |                 | _        | _             |        |
| L            | 32          | Ш  |          | Ш        |   | _           | Ш        | Ш        | Щ        |          |       | L        | 82           | Ш        | $\square$ | $\perp$           | _      | ـــ                | $\rightarrow$ | $\bot$   | 4      |       | 132          | $\vdash$      |   | <del> </del>                                     | $\sqcup$        |                 | 4        | _             | _      |
| L            | 33          | Ш  | Ш        | Ш        |   | <u> </u>    | $\sqcup$ | Ш        | $\sqcup$ | _        |       | L        | 83           | Щ        | Щ         | $\perp$           | $\bot$ | $oldsymbol{\perp}$ | _             | $\bot$   | 4      |       | 133          | $\sqcup$      | _ _                                     | ↓_   | Ш               | $\sqcup$        | _        |               | _      |
| <u> </u>     | 34          | Ш  | Ш        |          |   | L_          | Ш        | Ш        | Ц        | _        |       |          | 84           | Ш        |           | $\perp$           | _      | ↓                  |               | Д.   | 4      |       | 134          | $\sqcup$      | $\bot$                                  | ـــ  | Ш               | $\sqcup$        | _        | $\dashv$      | _      |
| $oxed{oxed}$ | 35          |  | Ш        |          |   | L           | Ш        | Ш        | $\sqcup$ |          |       |          | 85           | Щ        | $\Box$    |                   |        | $\bot$             |               |  |        |       | 135          |               |   | <u> </u>   | _               |                 | _        | _             | _      |
|              | 36          | ليا  | Ш        | Ш        |   | Ш           | Ш        | Ш        | Ц        |          |       | L        | 86           | Ш        |           | $\perp$           | Щ.     | $oldsymbol{\perp}$ | ightharpoonup |  | J      |       | 136          | $\sqcup$      | _                                       | $oldsymbol{oldsymbol{oldsymbol{eta}}}$           |                 | Ш               | _        | ightharpoonup | _      |
|              | 37          |  | Ш        | $\Box$   |   |             | Ш        |          | $\Box$   |          |       |          | 87           |          |           |                   |        |                    | $\perp$       |  |        |       | 137          | $\Box$        |   | <u> </u>   |                 | Ш               |          | $\perp$       |        |
|              | 38          |  |          |          |   |             | $\Box$   | $\Box$   |          |          |       |          | 88           |          |           |                   |        | L                  |               |  | ]      |       | 138          | $\Box$        |   | $oxed{oxed}$                                     |                 |                 | _[       | [             |        |
|              | 39          |  |          |          |   |             |          |          | $\Box$   |          |       |          | 89           |          |           |                   |        |                    |               |  |        |       | 139          |               |   | ╚  |                 | $\Box$          |          | [             |        |
|              | 40          |  |          |          |   |             |          |          |          |          |       |          | 90           |          |           | $oldsymbol{\bot}$ |        |                    | $\Box$        | $oldsymbol{ol}}}}}}}}}}}}}}$ |        |       | 140          |               |   | L  |                 |                 |          | $\Box$        |        |
|              | 41          |  |          |          |   |             |          |          |          |          |       |          | 91           | √.       |           |                   |        |                    |               |  |        |       | 141          |               | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |                 |                 |          |               |        |
|              | 42          |  |          |          |   |             |          |          |          |          |       |          | 92           |          |           | T                 |        | $\prod$            |               |  | ]      |       | 142          |               |   |  |                 |                 |          | $\Box$        |        |
|              | 43          |  |          |          |   |             |          |          |          |          |       |          | 93           |          |           |                   |        |                    |               |  | ]      |       | 143          |               |   |  |                 |                 |          | $\Box$        |        |
|              | 44          |  |          |          |   |             |          |          |          |          |       |          | 94           |          |           |                   | $\top$ |                    | $\neg$        | $\neg \vdash$  | ]      |       | 144          |               | T                                       |  |                 |                 | $\top$   | $\Box$        |        |
|              | 45          |  |          |          |   |             |          | П        |          |          |       |          | 95           | П        |           |                   |        | Т                  |               |  | 1      |       | 145          |               |   |  |                 |                 | $\neg$   | 丁             |        |
|              | 46          | М  |          |          |   |             |          | П        |          | ᅥ        |       |          | 96           | П        | T         |                   |        | 1                  |               | $\top$   | 1      |       | 146          | $\Box$        |   | Т  | П               | $\neg$          | $\dashv$ | $\dashv$      |        |
|              | 47          |  |          |          |   |             | $\Box$   | П        | _        | $\neg$   |       |          | 97           | Н        | $\neg$    | $\dashv$          | $\top$ | $\top$             |               | $\top$   | 1      | _     | 147          | _             | $\dashv$                                | ⇈  | П               | $\Box$          | $\dashv$ | $\dashv$      | _      |
|              | 48          | $\vdash$   | $\vdash$ | -        |   |             | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |       |          | 98           | Н        | -         | $\dashv$          | +      | 1                  | $\dashv$      | +  | 1      |       | 148          | $\dashv$      |   | $\vdash$   |                 | $\vdash$        | $\dashv$ | $\dashv$      | ᅥ      |
|              | 49          | $\vdash$   | $\vdash$ | -        |   |             | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |       | -        | 99           | $\vdash$ | 一         | $\dashv$          | +      | <del>  -</del>     | $\dashv$      | +-   | 1      |       | 149          | $\dashv$      | +-                                      | $\vdash$   | $\vdash$        |                 | $\dashv$ | $\dashv$      | ᅱ      |
|              | 50          | 1  | $\vdash$ | $\vdash$ | - | Н           | $\vdash$ |          | +        |          |       |          | 100          | Н        | $\dashv$  | $\dashv$          | +      | $\vdash$           | $\dashv$      | $\dashv$   |        |       | 150          | $\vdash$      | +                                       | $\vdash$   | $\vdash \vdash$ | $\dashv$        | $\dashv$ | $\dashv$      | ᅥ      |
|              |             | ٧  |          |          |   |             | $\Box$   |          | 1        |          | ::::: |          | 100          | $\Box$   |           | L                 | _1_    | 1                  |               |  | 1::::: |       | 130          | $oxed{oxed}$  |   | 1  | ш               | $\perp$         | L        |               |        |